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Applicant : Mark W. Miles

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Title : PHOTONIC MEMS AND STRUCTURES

Commissioner for Patents  
Washington, D.C. 20231

**Match & Return**

AMENDMENT

Please add claims 61-70:

62 71  
62 61. A method comprising  
driving a microelectromechanical device in a manner that causes a buildup of charge on  
the device; and  
applying electrical energy to the device in a manner to affect the charge buildup.

63 62. The method of claim 61 in which the microelectromechanical device comprises  
an interference modulator.

64 63. The method of claim 61 in which the electrical energy comprises a voltage having  
a controlled waveform.

65 64. The method of claim 63 in which the voltage comprises a DC voltage.

66 65. The method of claim 64 in which the DC voltage has a polarity opposite to a  
polarity of a voltage used to drive the device.

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